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Fig. 1.

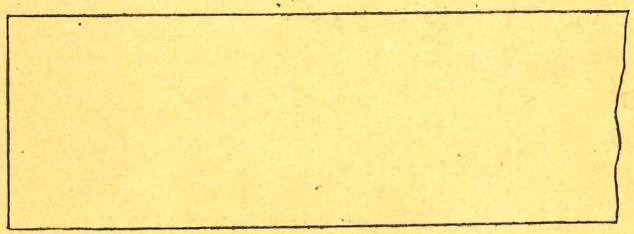

Fig. 2.

Fig. 3.

Patent Nr. 8367.
1 Blatt.

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See "Twisting"

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Translation

Swiss Patent #8367.

Otto Schwarz, Munich, Germany.

Wood wool molded into building materials.

The invention in question relates to molded pieces to be used as building materials such as slabs, stones, etc., which very much like wood can be sawed, cut, nailed, bored, etc.

They consist of wood wool held together by a binding material of mortar, for which binding material the following have been approved:

a. Slaked white- or black-lime, ground gypsum and pure, sharp, fine grained sand; and

b. Cement with or without the addition of sand etc.

In the accompanying drawing is shown such a piece, representing a portion of a slab in face view fig.(1), cross section fig. (2), and vertical longitudinal section fig. (3).

Before mixing, the wood wool is impregnated by means a suitable metal solution, for example copperas, blue vitriol, sublimate, etc., made antiseptic and afterward well dried.

The mass having become plastic, by the mixing of the wood wool with the mortar binding material, is in the latter condition forced into the forms, tamped, pressed etc. through which it easily takes the wished for shape.

As soon as the mass has set, the sections of the form are taken away and dried. These molded pieces as a result of the content of wood wool are light, porous, tough and of real insulating properties against sound and differences

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of temperature and by their points of superiority may well satisfy the technical, hygienic and economical demands of modern architecture.

Claims. Molded pieces serving as building materials, consisting of wood wool and a mortar binding material.